## Index of Claims Ex

| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|---|
| 10541657                | JONES ET AL.                            |
| Examiner                | Art Unit                                |
| JEFFREY H MURRAY        | 1624                                    |

| ✓ | Rejected |
|---|----------|
| = | Allowed  |

| - | Cancelled  |
|---|------------|
| 4 | Restricted |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| CL    | A I R A  |          |          |          |            | DATE     |  |              |
|-------|----------|----------|----------|----------|------------|----------|--|--------------|
|       |          |          | T        | 1        | T          |          |  | <br>         |
| Final | Original |          |          | ļ        | 04/29/2010 |          |  |              |
|       | 1        | ✓        | <b>√</b> | ✓        | <b>√</b>   | ✓        |  | <br>         |
|       | 2        | ✓        | ✓        | ✓        | ✓          | ✓        |  | <br>         |
|       | 3        | ✓        | ✓        | ✓        | ✓          | ✓        |  | <br>         |
|       | 4        | N        | N        | N        | N          | ✓        |  |              |
|       | 5        | N        | N        | N        | N          | ✓        |  |              |
|       | 6        | N        | -        | -        | -          | -        |  |              |
|       | 7        | N        | -        | -        | -          | -        |  |              |
|       | 8        | N        | -        | -        | -          | -        |  |              |
|       | 9        | ✓        | -        | -        | -          | -        |  |              |
|       | 10       | N        | -        | -        | -          | -        |  |              |
|       | 11       | ✓        | -        | -        | -          | -        |  |              |
|       | 12       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 13       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 14       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 15       | ✓        | -        | -        | -          | -        |  |              |
|       | 16       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 17       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 18       | ✓        | ✓        | ✓        | <b>√</b>   | ✓        |  |              |
|       | 19       | ✓        | ✓        | ✓        | <b>√</b>   | ✓        |  |              |
|       | 20       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 21       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 22       | ✓        | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 23       | <b>√</b> | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 24       | <b>√</b> | ✓        | ✓        | <b>√</b>   | ✓        |  |              |
|       | 25       | <b>√</b> | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 26       | <b>√</b> | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 27       | <b>√</b> | ✓        | ✓        | ✓          | ✓        |  |              |
|       | 28       | <b>√</b> | ✓        | <b>√</b> | ✓          | ✓        |  |              |
|       | 29       | <b>√</b> | <b>√</b> | ✓        | ✓          | ✓        |  |              |
|       | 30       | <b>√</b> | <b>√</b> | ✓        | <b>√</b>   | ✓        |  |              |
|       | 31       | <b>√</b> | <b>√</b> | ✓        | <b>√</b>   | <b>√</b> |  |              |
|       | 32       | <b>√</b> | <b>√</b> | ✓        | <b>√</b>   | <b>√</b> |  |              |
|       | 33       | <b>√</b> | <b>√</b> | ✓        | <b>√</b>   | <b>√</b> |  |              |
|       | 34       | <b>√</b> | <b>√</b> | <b>√</b> | <b>√</b>   | <b>√</b> |  |              |
|       | 35       | <b>√</b> | <b>√</b> | <b>√</b> | <b>√</b>   | <b>√</b> |  | <br>$\vdash$ |

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| Examiner                | Art Unit                                |
| JEFFREY H MURRAY        | 1624                                    |

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| Α | Appeal   |
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| 0 | Objected |

| CL   | AIM      | DATE       |            |            |            |          |  |   |   |  |
|------|----------|------------|------------|------------|------------|----------|--|---|---|--|
| inal | Original | 02/18/2009 | 08/24/2009 | 12/04/2009 | 04/29/2010 |          |  |   |   |  |
| mai  | 37       | √          | √ V        | <i>√</i>   | √<br>√     | <i>√</i> |  |   |   |  |
|      | 38       | · ·        | <b>√</b>   | √ ·        | <b>√</b>   | √ ·      |  |   |   |  |
|      | 39       | · ·        | <b>√</b>   | √ ·        | <b>√</b>   | √ ·      |  |   |   |  |
|      | 40       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 41       | <b> </b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 42       | <b> </b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 43       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 44       | <b> </b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 45       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  | - |   |  |
|      | 46       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 47       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 48       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 49       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 50       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 51       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 52       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 53       | <b>√</b>   | <b>√</b>   | ✓          | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 54       | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 55       | <b>√</b>   | ✓          | ✓          | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 56       | <b>√</b>   | ✓          | ✓          | ✓          | ✓        |  |   |   |  |
|      | 57       | ✓          | ✓          | ✓          | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 58       | ✓          | ✓          | <b>√</b>   | <b>√</b>   | <b>√</b> |  |   |   |  |
|      | 59       | <b>√</b>   | ✓          | ✓          | ✓          | ✓        |  |   |   |  |
|      | 60       | ✓          | ✓          | ✓          | ✓          | ✓        |  |   |   |  |
|      | 61       | ✓          | ✓          | ✓          | ✓          | ✓        |  |   |   |  |
|      | 62       | N          | N          | N          | N          | ✓        |  |   |   |  |
|      | 63       | N          | N          | N          | N          | ✓        |  |   |   |  |
|      | 64       | N          | N          | N          | N          | ✓        |  |   |   |  |
|      | 65       | N          | N          | N          | N          | ✓        |  |   |   |  |
|      | 66       | N          | N          | N          | N          | ✓        |  |   |   |  |
|      | 67       | N          | -          | -          | -          | -        |  |   |   |  |
|      | 68       | N          | -          | -          | -          | -        |  |   | İ |  |
|      | 69       | N          | -          | -          | -          | -        |  |   |   |  |
|      | 70       | ✓          | -          | -          | -          | -        |  |   |   |  |
|      | 71       | N          | _          | _          | _          | -        |  |   |   |  |

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| Examiner                | Art Unit                                |
| JEFEREY H MURRAY        | 1624                                    |

| ✓ | Rejected |  |
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| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Final Original 02/18/2009 08/24/2009 12/04/2009 04/29/2010 01/11/2011  73  74  74  74  75  76  76  77  N  | V       V         -       -         -       -         V       V         V       V         V       V         V       V         V       V         V       V         -       -         -   |           |            |            |            | AIM      | CLA   |
|---|---|-----------|------------|------------|------------|----------|-------|
| 73  | V       V         -       -         -       -         V       V         V       V         V       V         V       V         V       V         V       V         -       -         -   | 4/29/2010 | 12/04/2009 | 08/24/2009 | 02/18/2009 | Original | Final |
| 74       ✓  |   |           |            |            |            | _        |       |
| 75  |   | ✓         | ✓          | ✓          | <b>√</b>   |          |       |
| 77 N  |   | -         | -          | -          | <b>√</b>   |          |       |
| 78         ✓  | V         V         V         V         V         V         V         V         V         - <td< td=""><td>-</td><td>-</td><td>-</td><td><b>√</b></td><td>76</td><td></td></td<>  | -         | -          | -          | <b>√</b>   | 76       |       |
| 78         ✓  | Image: contract of the contract | -         | -          | -          | N          | 77       |       |
| 80 N N N N N V S S S S S S S S S S S S S S  | <pre></pre>   | ✓         | <b>√</b>   | ✓          | <b>√</b>   | +        |       |
| 80  |   | N         | N          | N          | N          | 79       |       |
| 82 N N N N N N N N N N N N N N N N N N N  |   | N         | N          | N          | N          | +        |       |
| 83       N       N       N       N       V         84       N       N       N       N       V         85       N       N       N       N       V         86       -       -       -       -       -         87       N       N       N       N       V         88       N       N       N       N       V         90       N       N       N       N       V         90       N       N       N       N       V         91       N       N       N       N       V         91       N       N       N       N       V         92       N       N       N       N       V         93       -       -       -       -       -         94       -       -       -       -       -       -         95       -       -       -       -       -       -         99       -       -       -       -       -       -         99       -       -       -       -       -       -       - <td></td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>81</td> <td></td>   |   | N         | N          | N          | N          | 81       |       |
| 84       N  |   | N         | N          | N          | N          | 82       |       |
| 85       N       N       N       N       V         86       -       -       -       -       -         87       N       N       N       N       V         88       N       N       N       N       V         90       N       N       N       N       V         91       N       N       N       N       V         92       N       N       N       N       V         93       -       -       -       -         94       -       -       -       -         95       -       -       -       -         96       -       -       -       -         97       -       -       -       -         99       -       -       -       -         100       N       N       N       N       V         101       -       -       -       -         103       -       -       -       -         104       -       -       -       -  |   | N         | N          | N          | N          | 83       |       |
| 86  | -   | N         | N          | N          | N          | 84       |       |
| 87       N       N       N       N       V         88       N       N       N       N       V         90       N       N       N       N       V         91       N       N       N       N       V         91       N       N       N       N       V         92       N       N       N       N       V         93       -       -       -       -       -         94       -       -       -       -       -         95       -       -       -       -       -         96       -       -       -       -       -         98       -       -       -       -       -         99       -       -       -       -       -         100       N       N       N       N       V         101       -       -       -       -       -         104       -       -       -       -       -   | · · · · · · · · · · · · · · · · · · ·   | N         | N          | N          | N          | 85       |       |
| 88 N N N N N N N N N N N N N N N N N N  |   | -         | -          | -          | -          | 86       |       |
| 89 N N N N N N N N N N N N N N N N N N N  | · · · · · · · · · · · · · · · · · · ·   | N         | N          | N          | N          | 87       |       |
| 90 N N N N N N V  | · · · · · · · · · · · · · · · · · · ·   | N         | N          | N          | N          | 88       |       |
| 91 N N N N N V 92 N N N N N V 93  | · · · · · · · · · · · · · · · · · · ·   | N         | N          | N          | N          | 89       |       |
| 92 N N N N N  |   | N         | N          | N          | N          | 90       |       |
| 93  |   | N         | N          | N          | N          | 91       |       |
| 94  |   | N         | N          | N          | N          | 92       |       |
| 95  |   | -         | -          | -          | -          | 93       |       |
| 96  |   | -         | -          | -          | -          | 94       |       |
| 97  | -<br>-<br>-<br>-  | -         | -          | -          | -          | 95       |       |
| 98  | -<br>-<br>-   | -         | -          | -          | -          | 96       |       |
| 99  | - · · · · · · · · · · · · · · · · · · ·   | -         | -          | -          | -          | 97       |       |
| 100 N N N N V V 101 102 V 103 104 V 104 V 104 V 105 V | 1   | -         | -          | -          | -          | 98       |       |
| 101   |   | -         | -          | -          | -          | 99       |       |
| 102   |   | N         | N          | N          | N          | 100      |       |
| 103   | <b>√</b>  |           |            |            |            | 101      |       |
| 104   | ✓   |           |            |            |            | 102      |       |
|   | ✓   |           |            |            |            | 103      |       |
| 105   | ✓   |           |            |            |            | 104      |       |
|   | ✓   |           |            |            |            | 105      |       |
| 106   | ✓   |           |            |            |            | 106      |       |

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|                 | Examiner                | Art Unit                                |
|                 | JEFFREY H MURRAY        | 1624                                    |

| <b>✓</b>              | Rejected   | _          | - Cancelled |            |          | N Non-Elected |              |  | Α |   | Appeal |          |  |
|-----------------------|------------|------------|-------------|------------|----------|---------------|--------------|--|---|---|--------|----------|--|
| =                     | = Allowed  |            | Res         | tricted    | l        |               | Interference |  |   | O | (      | Objected |  |
| ☐ CPA ☐ T.D. ☐ R.1.47 |            |            |             |            |          |               |              |  |   |   |        |          |  |
| C                     | CLAIM DATE |            |             |            |          |               |              |  |   |   |        |          |  |
| Final                 | Original   | 02/18/2009 | 08/24/2009  | 12/04/2009 | 04/29/20 | 10 01         | 1/11/2011    |  |   |   |        |          |  |
|                       | 109        |            |             |            |          |               | ✓            |  | _ |   |        |          |  |

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